

TO: Patrick Nejand, Project Manager  
Ken Mass, Project Manager  
United States Army Corps of Engineers (USACE)

FROM: Shannon Lloyd, Project Manager  
Los Alamos Technical Associates, Inc. (LATA)

SUBJECT: July 2014 Inspection Report for the former Cornell Dubilier Electronics (CDE) Superfund Site, South Plainfield, New Jersey

**LATA Project # 11266**  
**Contract # W912DQ-09-D-3003,**  
**Task Order # 0011**

DATE: August 15, 2014

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## **CURRENT ACTIVITIES**

LATA's technician visited the Cornell Dubilier Electronics (CDE) Superfund Site for the regularly scheduled inspection visit on July 25, 2014 to perform the routine inspection of the facilities.

LATA met with USEPA and USACE on July 25, 2014 to perform the monthly inspection and housekeeping activities. Work performed during the visit included; pulled woody vegetation from around and within the drainage basins, picked up trash from the fence line, inspected the catch basin and drainage basin system, inspected the perimeter fence, gates, etc., and performed a walking inspection of the asphalt cap areas. Copies of the inspection forms are attached to this report.

One bag of trash (paper, plastic bottles, etc.) was picked up from around the fence line in various areas. The trash was disposed of in the local technicians office dumpster.

## **MANPOWER REPORTING**

Date	LATA Labor
July 25, 2014	6 hrs.

## **OUTSTANDING ISSUES/RESOLUTIONS**

LATA submitted the DRAFT Accident Prevention Plan for review by USACE on July 3, 2014.

Surficial cracks were noted in the asphalt cap. These surface cracks appear to be limited to the pavement seams. LATA will discuss sealing these with an asphalt contractor and schedule as needed repairs. The areas will be monitored for further damage until the assessment or repair is made.

## **PLANS FOR NEXT MONTH**

Plans for the August 2014 visit includes inspection and general housekeeping activities at the site.

## **Site Inspection Forms**

**Operation & Maintenance Inspection Form**  
**Cornell-Dubilier Electronics Superfund Site**  
**Operable Unit (OU-2)**

Inspection being Conducted	<u>X</u>	Monthly
Quarterly	Annually	After 1" or Greater Rainfall

**Inspection Date:** 7/25/2014 **Weather** Sunny, 80s

**Inspectors Name** Sunil Samaroo, Stephen Libert

### Basin Inspection:

Yes      No      N/A

### Catch Basins (23 Structures)

- |  |                                     |                                     |                                     |
|--|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Are catch basins properly draining?                             | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 2. Are the catch basins clear of trash, sediment and debris?       | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 3. Has vegetation been removed from all catch basin areas?         | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 4. Are there any signs of damage or deterioration of catch basins? | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
- If yes, which catch basin(s)? \_\_\_\_\_
- (Refer to Record Drawings for catch basin numbers)

### Stormwater Detention Basin and Surface Sand Filter:

- |   |                                     |                                     |                          |
|---|-------------------------------------|-------------------------------------|--------------------------|
| 5. Does the basin have pooled or standing water?                                | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| If yes, describe where <u>Rain from the previous day</u>                        |                                     |                                     |                          |
| 6. What is the water height <u>&lt; 1"</u>                                      |                                     |                                     |                          |
| Approximately how many hours was the last rainfall? <u>&lt; 1.0</u>             |                                     |                                     |                          |
| How many inches of rain? <u>&lt; 1"</u>   |                                     |                                     |                          |
| 7. Does the bottom appear relatively flat? No sand has washed away?             | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| 8. Are concentrated flows of runoff being unexpectedly directed into the basin? | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| If yes, describe where _____  |                                     |                                     |                          |
| 9. Is there any damage to the sand bed or berms?                                | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 10. Has vegetation been removed from the basin areas?                           | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| Woody vegetation was removed by pulling/cutting at ground level.                |                                     |                                     |                          |

**Operation & Maintenance Inspection Form**  
**Cornell-Dubilier Electronics Superfund Site**  
**Operable Unit (OU-2)**

### Inlet and Outlet Structures:

- 11. Are the five inlet and outlet structures draining properly?**

☐ X ☐ ☐

- 12. Is there any standing water?**

☐ ☒ ☐

**If yes, describe where**

- 13. Are the inlets clear of trash, sediment and debris?**

☒ ☐ ☐

- 14. Are the outlets (standpipes, 3" Orifice, secondary outlet and emergency spillway) clear of trash, sediment, and debris?**

☒ ☐ ☐

15. are there any signs of damage or deterioration of inlet/outlet structures?

☐ ☒ ☐

**If yes, describe where**

16. Has vegetation been removed from inlet and outlets?

☐ ☐ ☒

**Additional descriptions of where repairs or maintenance is needed:**

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Inspector's Signature

Amil Kumar

**Operation & Maintenance Inspection Form  
Cornell-Dubilier Electronics Superfund Site  
Operable Unit (OU-2)**

**Inspection Date:** 7/25/2014 **Weather** Sunny, 80s

**Inspectors Name** Sunil Samaroo, Stephen Libert

"Tree Grove" Inspection

	Yes	No	N/A
1. Is there any tree damage from storms? If yes, describe: _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Is there an accumulation of tree debris? If yes, describe: _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Do any trees appear infested? If yes, describe: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Do any trees appear malnourished? If yes, describe: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Was the last Quarterly Seasonal Maintenance Performed? Date of previous maintenance: _____ (Refer to section 2.3.2 of the Operation & Maintenance Manual)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6. Was the last Annual Arborist Inspection performed? Date of previous inspection: _____ (Refer to section 2.3.3 of the Operation & Maintenance Manual)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Additional descriptions of where repairs or maintenance is needed:

**Tree buffer being maintained "as is" by direction of USACE and EPA.**

**Pulled bamboo "runners" that extended onto the asphalt.**

Inspector's Signature



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Operable Unit (OU-2)**

**Inspection Date:** 7/25/2014 **Weather** Sunny, 80s

**Inspectors Name** Sunil Samaroo, Stephen Libert

**Debris, Trash, Vegetation and Sediment Removal and Inspections**

**Comments**

**Removed trash from perimeter fence and accumulation in corner area (behind the water tower). One bag of trash, half filled, disposed of at URS dumpster.**

**Over al, the site remains in good condition.**

**General Houskeeping**

**Comments**

**Spot sprayed weeds in asphalt area with Round Up.**

**Asphalt has minor cracking predominantly at seems, previously observed.**

**Fencing and Gates**

**Comments**

**GOOD**

**Trash and Debris**

**Comments**

**( See above )**

**Snow Removal**

**Comments**

**N/A**

*Sunil Samaroo*



7-25-2014 Cornell-Dubilier Electronics

Site Inspection photos



Catch basin (before)



Catch basin (after) debris removed





Detention basin, < 1" of water



Detention basin, < 1" of water





Cold patch swept back into MW area



Cold patch swept back into MW area





Cold patch swept back into MW area



Drums still on-site





Weeds sprayed with Round Up





Bamboo runners left to dry on asphalt



Additional site photos





Additional site photos



Additional site photos





Additional site photos



Additional site photos